



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dixon et al. )  
App. No. : 09/773,281 )  
Filed : January 31, 2001 )  
For : ONE DIMENSIONAL MOLECULAR )  
REPRESENTATIONS )  
Examiner : Unknown )

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and

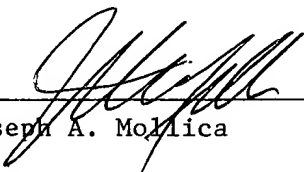
App. No. : 09/733,281  
Filed : January 31, 2001

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

PHARMACOPEIA, INC.

Dated: 20 July 2001

By:   
Joseph A. Mollica

Title: Chairman, President and CEO

Address: 3000 Eastpark Boulevard  
Cranbury, NJ 08512

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ASSIGNMENT

WHEREAS, We, Steven L. Dixon, a United States citizen, residing at 32 Hilltop Road, Yardley, PA, 19067, Kenneth M. Merz, Jr., a United States citizen, residing at 752 Gordon Drive, Yardley, PA, 19067, and Marvin Waldman, a United States citizen, residing at 12574 Caminito Mira Del Mar, San Diego, CA, 92130, have invented certain new and useful improvements in a ONE DIMENSIONAL MOLECULAR REPRESENTATIONS for which we have filed an application for Letters Patent in the United States, 09/733,281 on January 31, 2001;

AND WHEREAS, PHARMACOPEIA, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3000 Eastpark Boulevard, Cranbury, New Jersey, 08512 desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of July, 2001.

Steven L. Dixon  
Steven L. Dixon

STATE OF New Jersey }  
COUNTY OF Middlesex } ss.

On July 3, 2001, before me, Janet B. Rubinstein, personally appeared Steven L. Dixon personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

**COPY**

Janet B. Rubinstein  
Notary Signature

**- DO NOT RECORD -**

**JANET B. RUBINSTEIN**  
Notary Public of New Jersey  
Commission Expires Oct. 16, 2005

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of July, 2001.

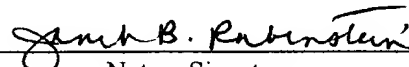
  
Kenneth M. Merz, Jr.

STATE OF New Jersey }  
COUNTY OF Middlesex } ss.

On July 3, 2001, before me, Janet B. Rubinstein, personally appeared Kenneth M Merz, Jr. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
Notary Signature  
**JANET B. RUBINSTEIN**  
Notary Public of New Jersey  
Commission Expires Oct. 16, 2005

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of July, 2001.

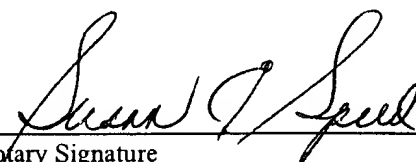
  
Marvin Waldman

STATE OF CALIFORNIA }  
COUNTY OF SAN DIEGO } ss.

On JULY 18, 2001, before me, SUSAN SPEED, personally appeared Marvin Waldman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
Notary Signature



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